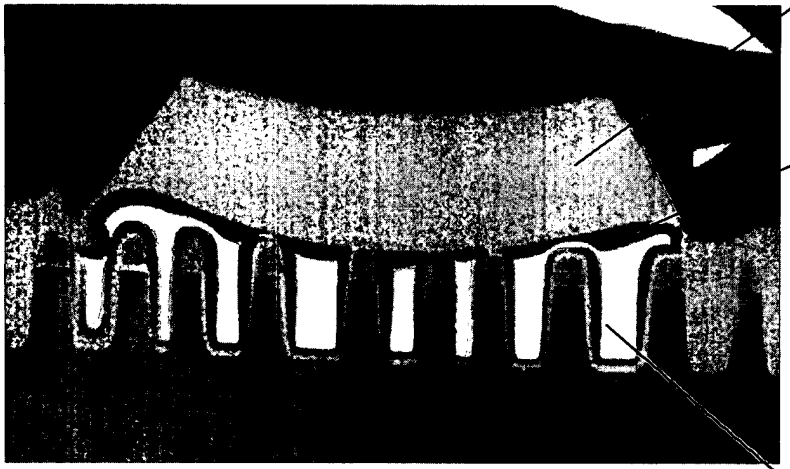

FIGURE 1A

FIGURE 1B

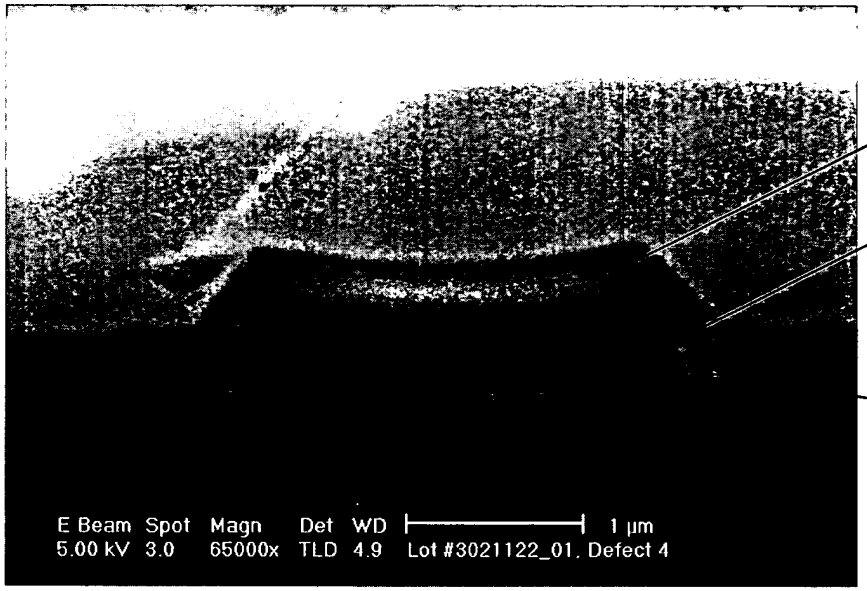


FIGURE 1C

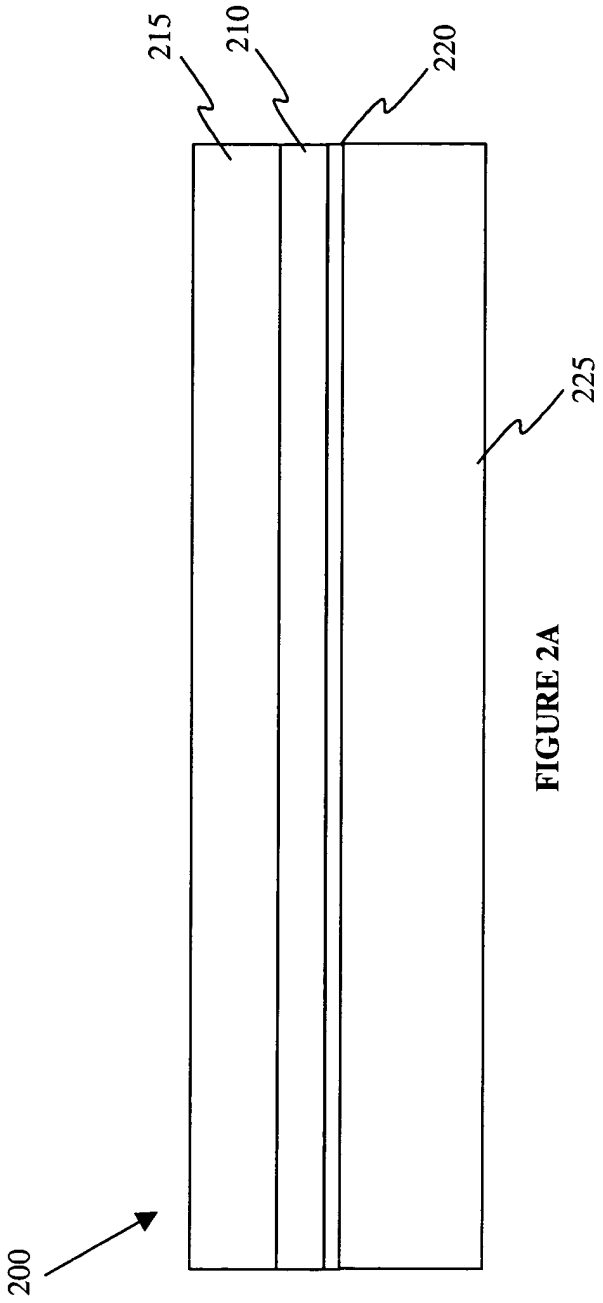


FIGURE 2A

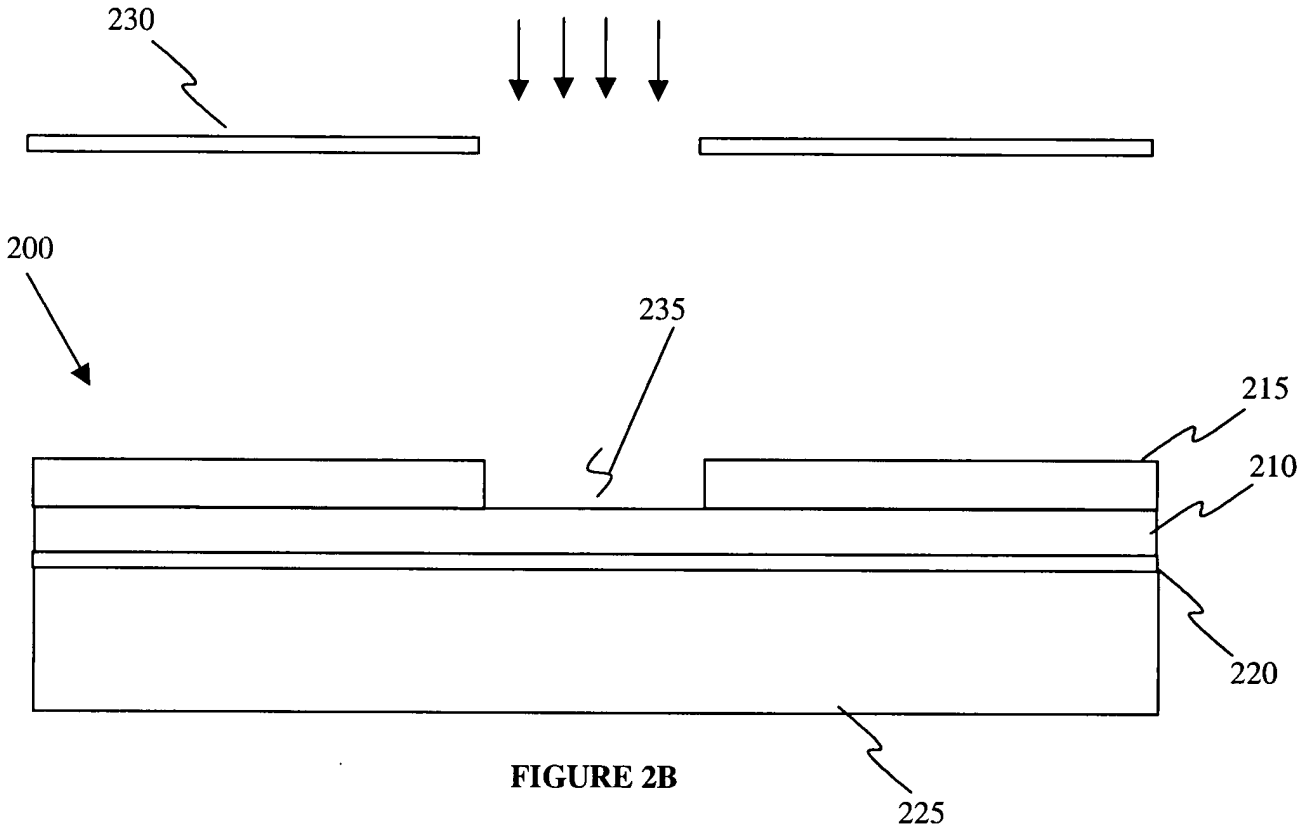


**FIGURE 2B**

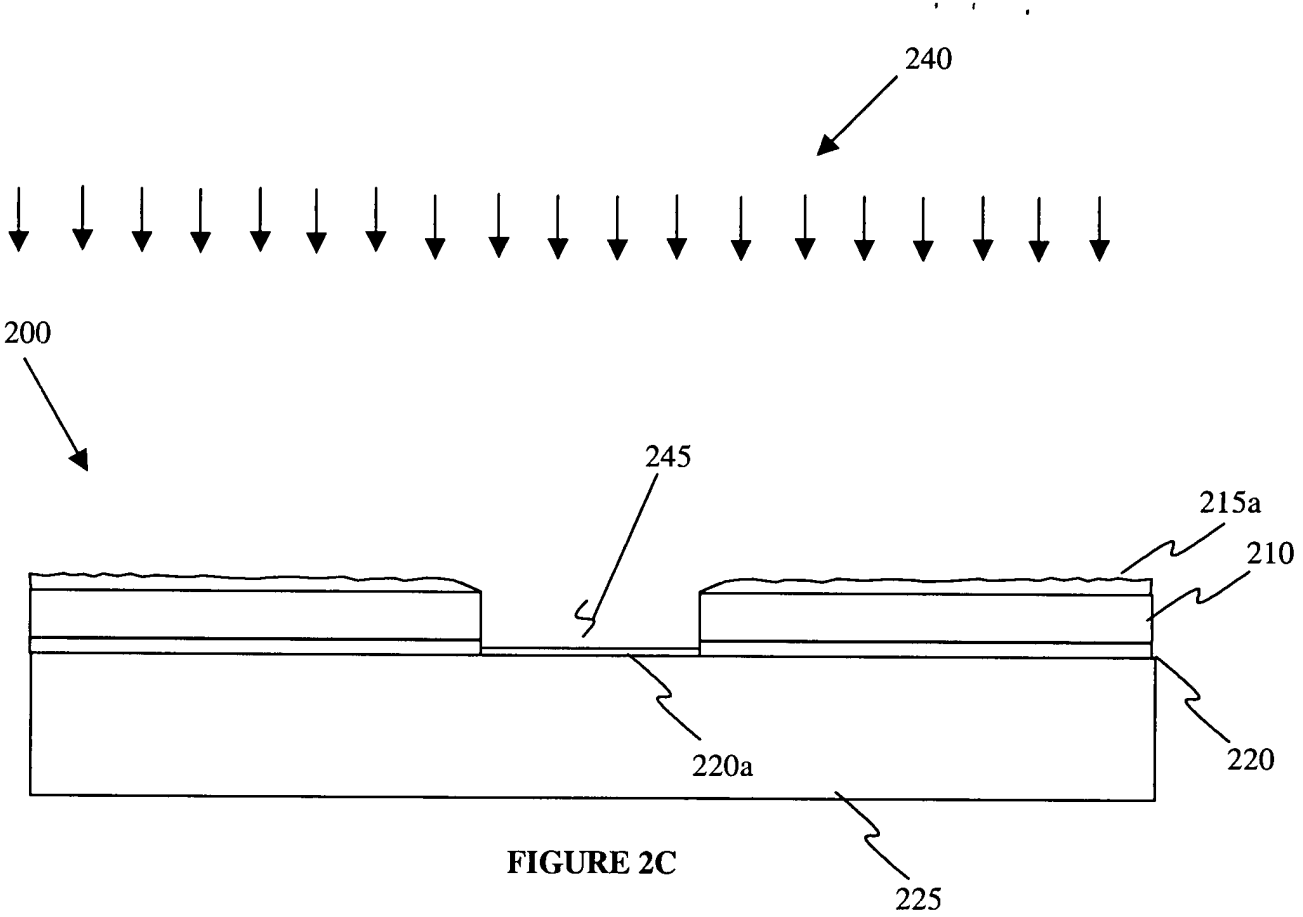


**FIGURE 2C**

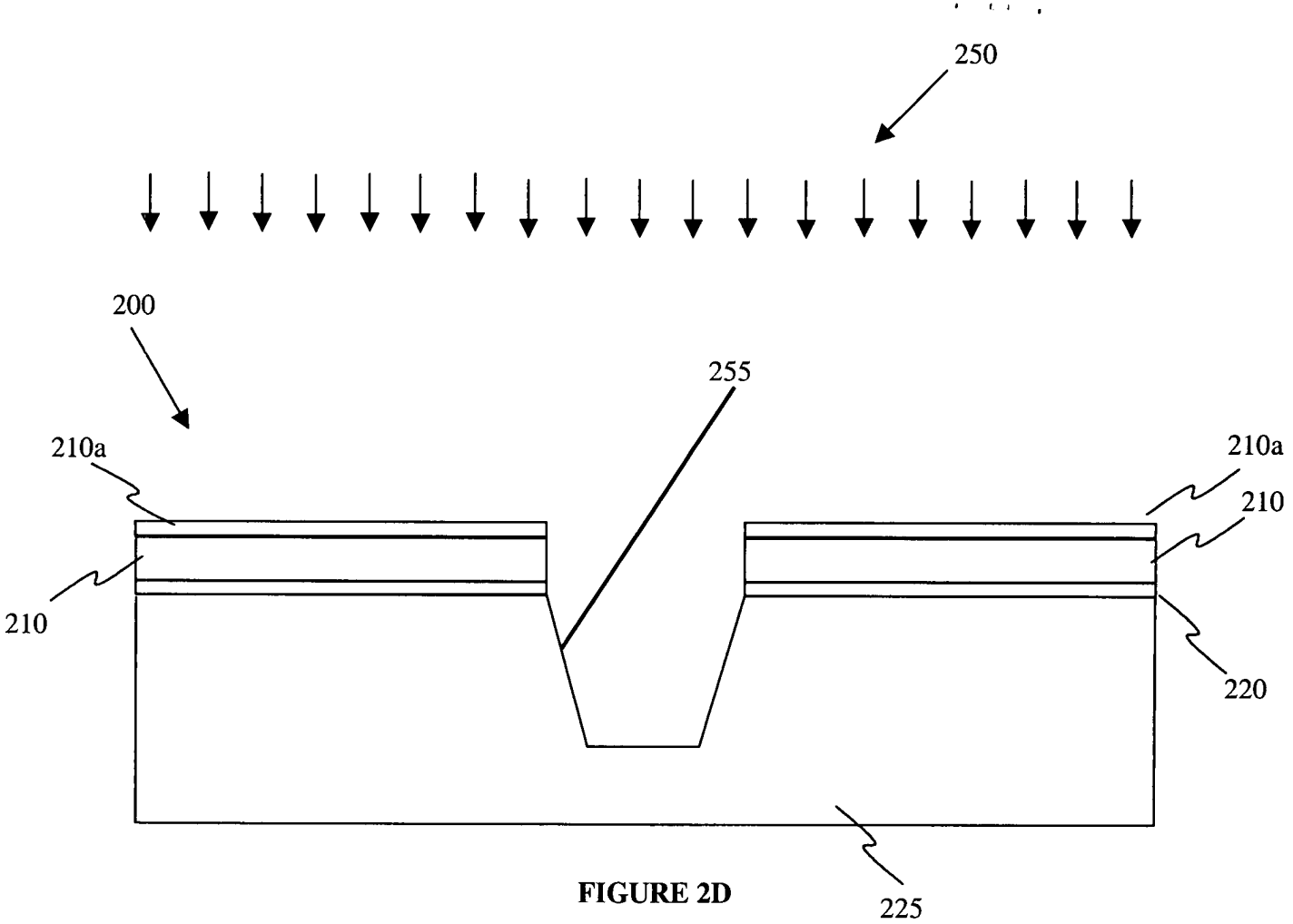


**FIGURE 2D**

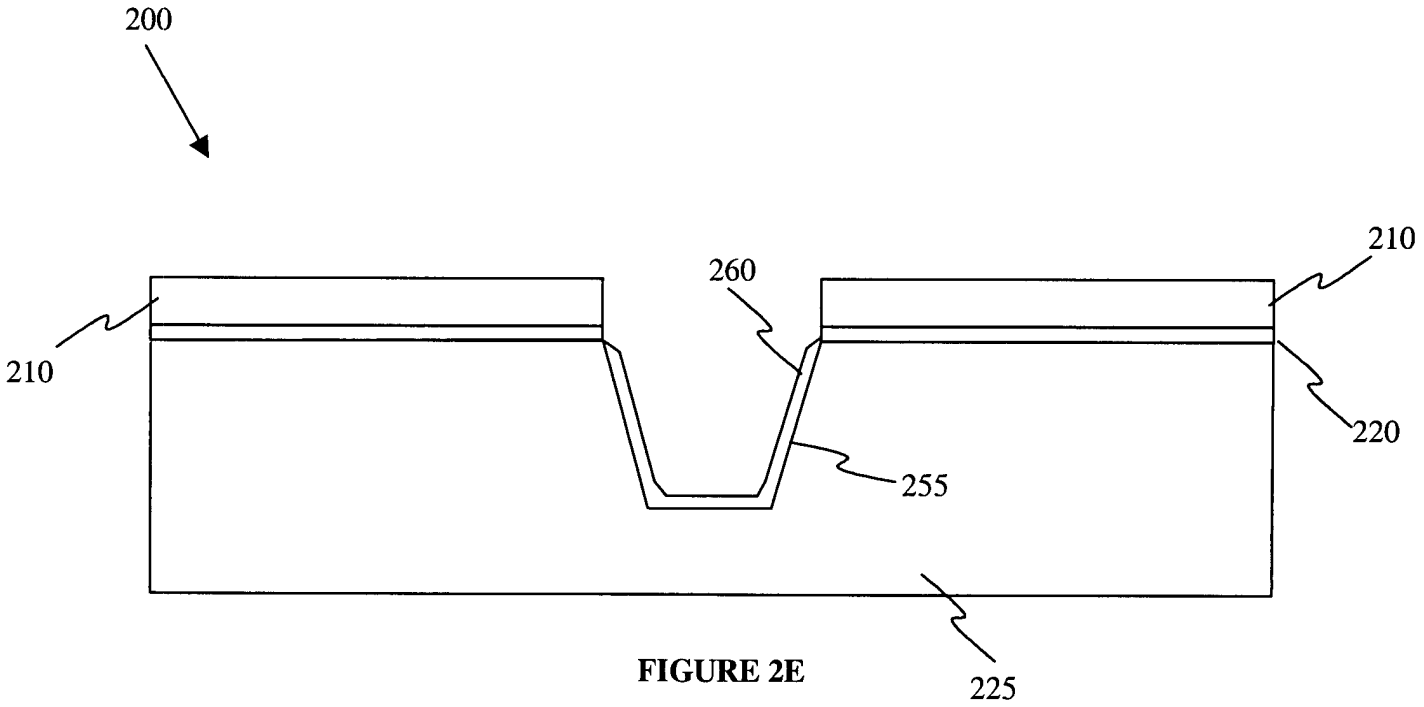


**FIGURE 2E**

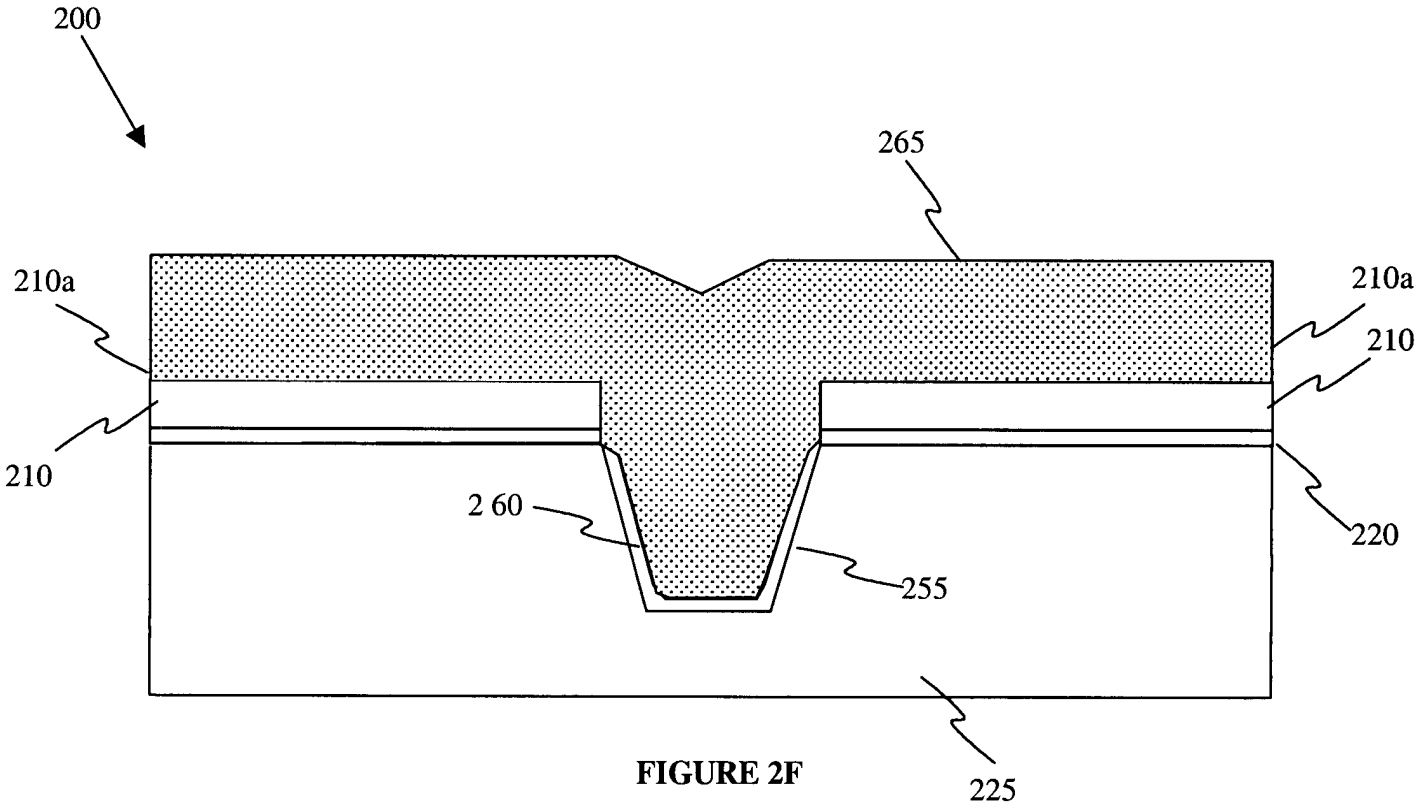


**FIGURE 2F**

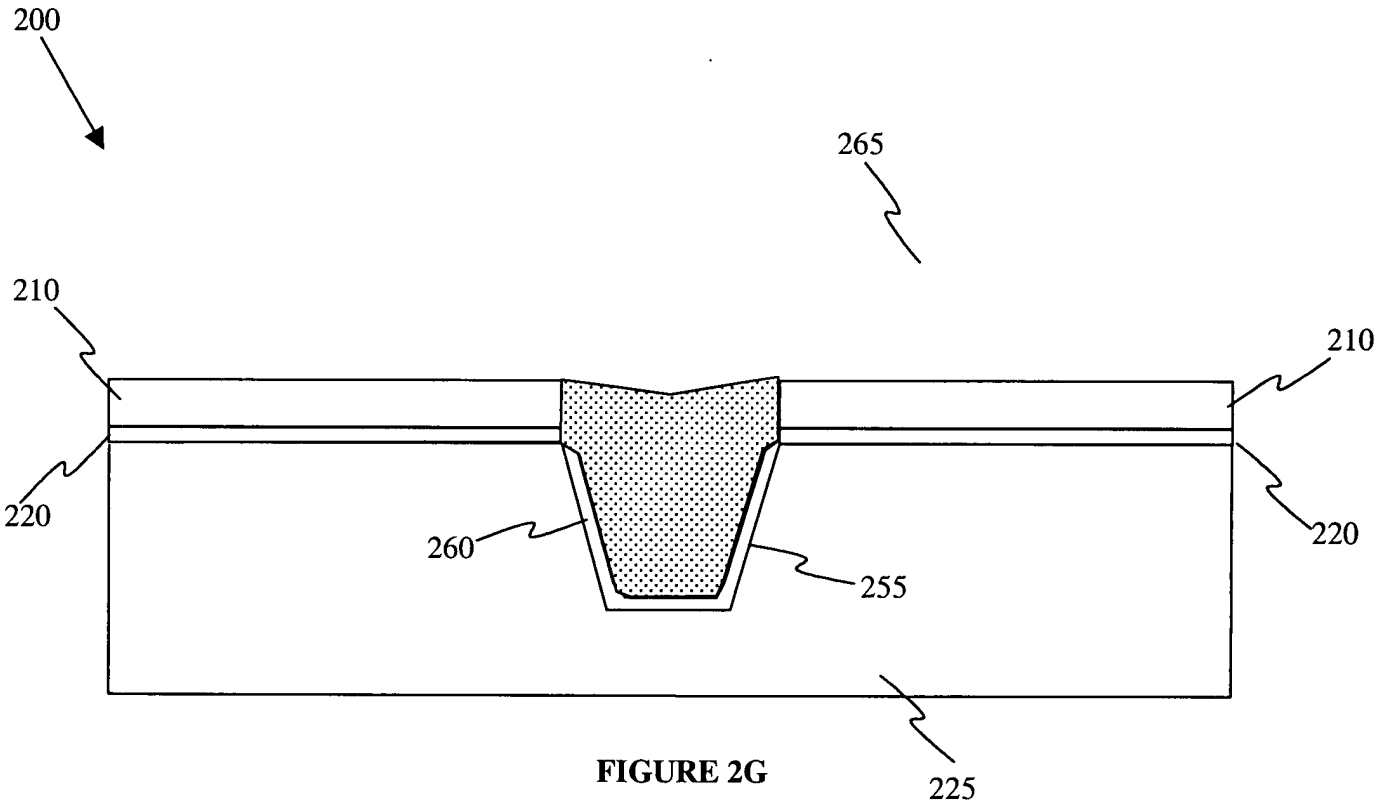


**FIGURE 2G**

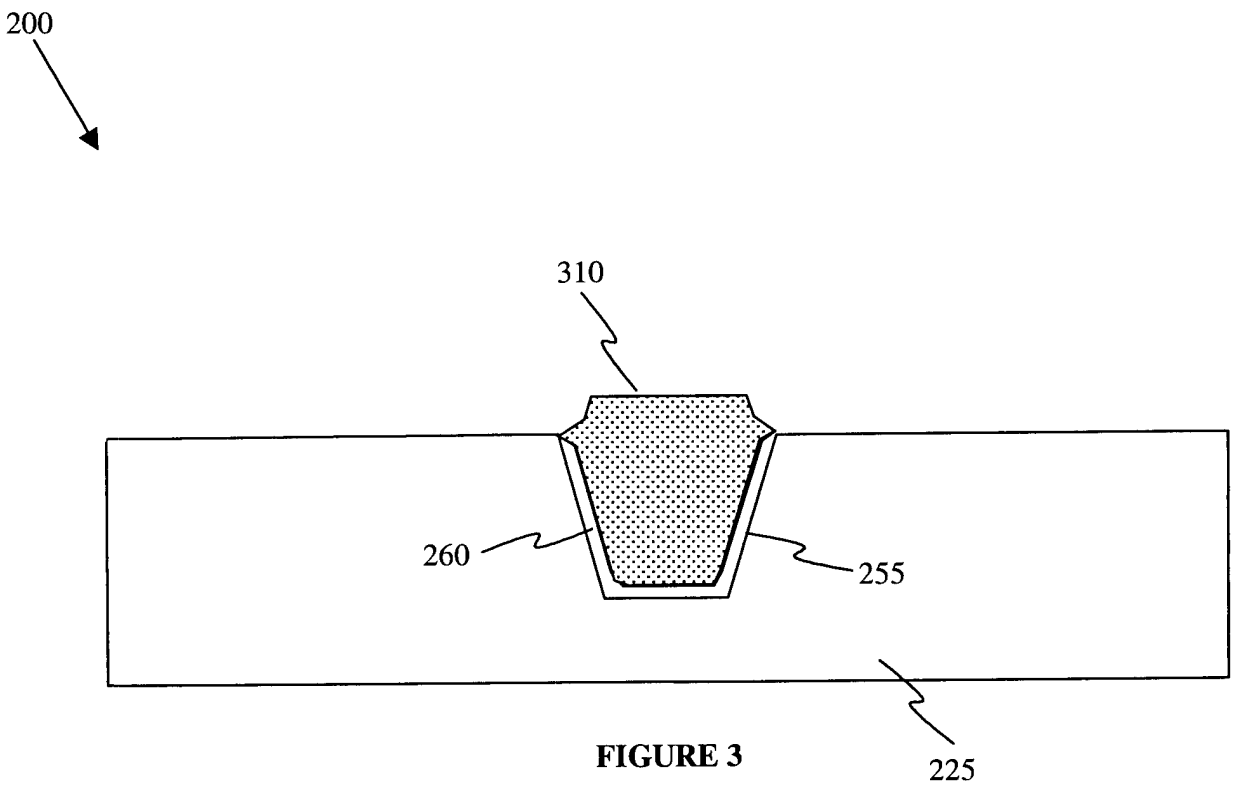


**FIGURE 3**

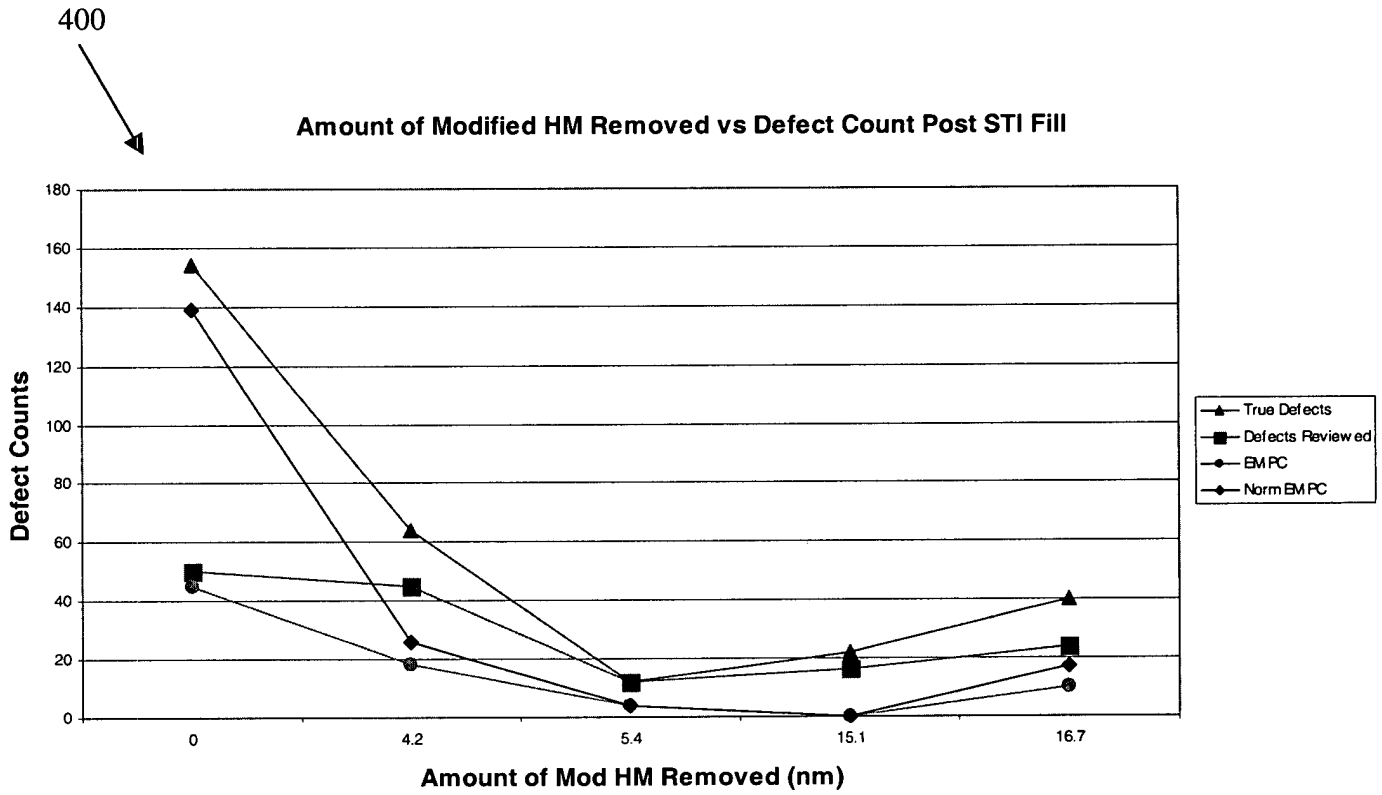
400
Amount of Modified HM Removed vs Defect Count Post STI Fill
Defect Counts
180
160
140
120
100
80
60
40
20
0
0
4.2
5.4
15.1
16.7
Amount of Mod HM Removed (nm)
True Defects
Defects Reviewed
EM PC
Norm EM PC

**FIGURE 4**

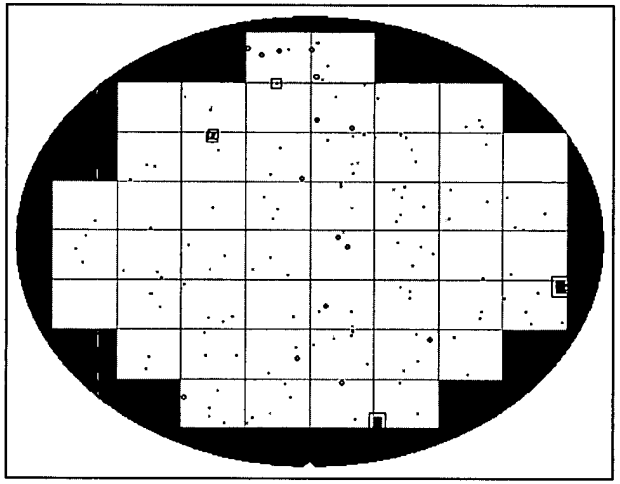

FIGURE 5A

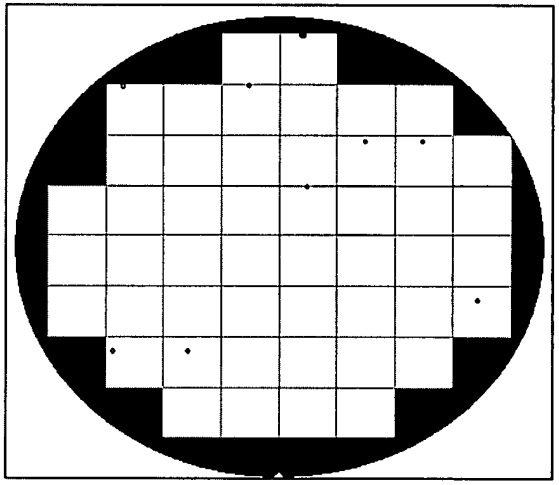

FIGURE 5B

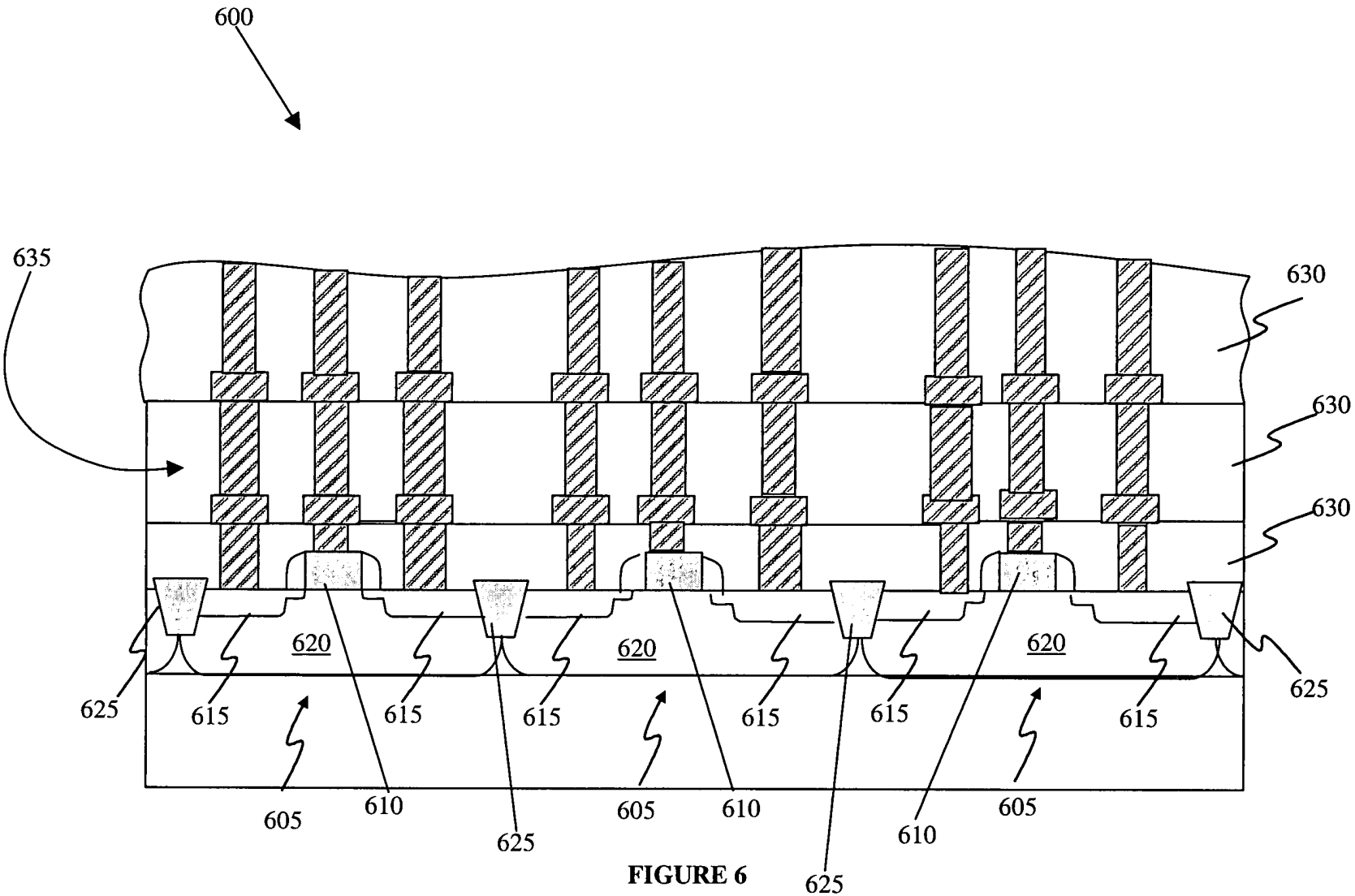
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**FIGURE 6**